MITSUBISHI HEAVY INDUSTRIES, LTD.

Our Technologies, Your Tomorrow

R410A

Hyper Inverter

High Performance Air-Conditioning

SR series

Inverter Residential Air Conditioners

Hyper Inverter

SRK ZJX

Wall Mounted type

COP 5.71

SRK20ZJX-S
(in the cooling operation)

3D AUTO
Programmed air distribution

Sophisticated design

Quiet operation

MITSUBISHI HEAVY INDUSTRIES, LTD.

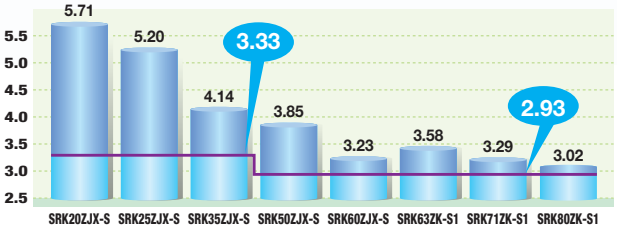
Eco·lution

Industry leading energy efficiency and reliability from our advanced technology.

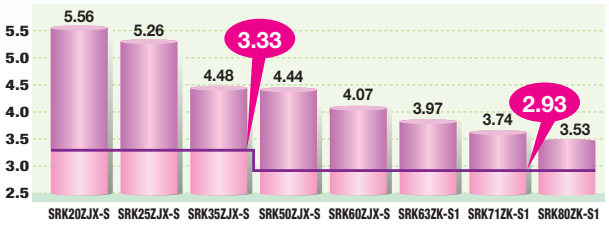
Industry's leading EER & COP levels

The ZJX & ZJ series clear the APRIL 2011 MEPS.

EER in Cooling



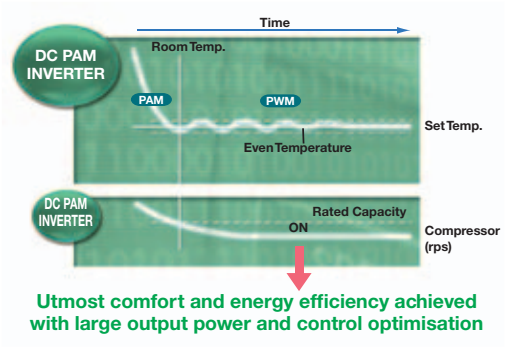
COP in Heating



DC PAM inverter

Applied models
All inverter models

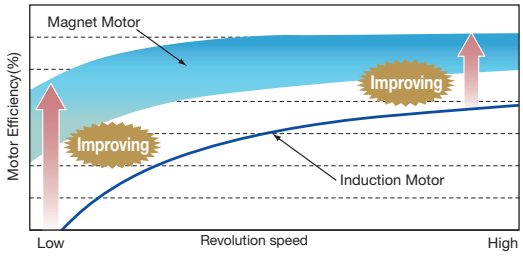
An inverter system has a number of advantages over a constant speed system. Its variable speed compressor outputs can ensure quick cooling or heating after start up and attains a set temperature more quickly. The air conditioner can slow down the compressor speed to save energy whilst keeping comfortable conditions. The compressor is DC motor driven so it provides superior performance.

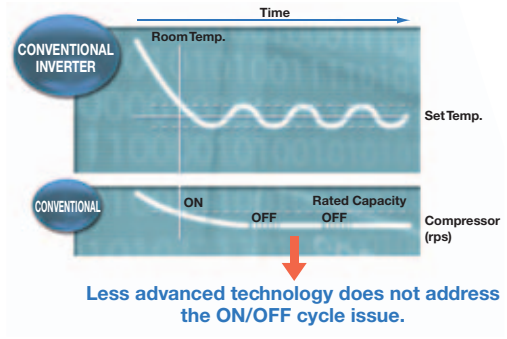


Utmost comfort and energy efficiency achieved with large output power and control optimisation

Applied models
All inverter models

DC compressor motor





Less advanced technology does not address the ON/OFF cycle issue.

New inverter control (Vector control)

New Inverter Control has applied the new advanced technology of Vector control enabling:-

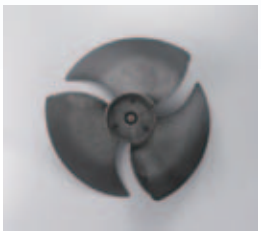
- Smooth operation from low to high speed
- Smooth Sine Voltage Wave form is achieved
- Energy efficiency has improved in low speed range

Our latest technologies

Applied to all inverter models

New propeller fan

The new propeller fan was carefully matched with a fan motor in order to keep the same capacity as that of previous models with less electrical consumption. In synergy with the leaf shape grill has seen an improvement of energy efficiency and a decrease of sound level. (SRC50/60ZIX-S)

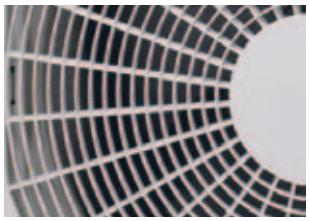


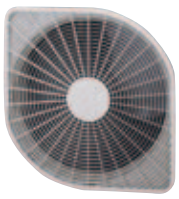
Silicon-coated PCB

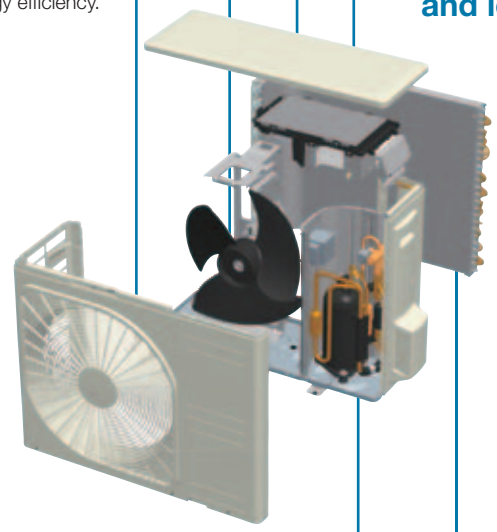
The printed circuit board of the outdoor unit is coated by silicon. The coating ensures longevity of the board in humid conditions.

Energy saving leaf shape grill

The leaf shape grill was developed in order to maximize natural air flow sent by the propeller fan along the grill. The airflow is very smooth with minimum air resistance. This has lead to a decreased fan motor load and improvement of energy efficiency. (SRC20-50ZJ)
SRC20-50ZJX







High efficiency scroll compressor. Low vibration and low sound level

By using a scroll compressor there has been an improvement of energy efficiency. Lower vibration and lower sound level have been achieved. Further improvement to efficiency was realized by use of a neodymium magnet applied in the compressor motor. (SRC50/60ZIX-S)

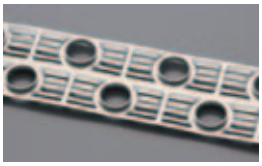
photo is composite image

Superior corrosion resistance

The base of the outdoor unit is hot dipped to provide superior corrosion and scratch resistance.

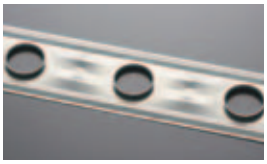
Indoor unit

A combination of fin configuration and copper tube has enabled maximum air flow whille keeping the same size width of the indoor unit.
Efficiency rate of heat exchanger has been improved compared with previous models. The new fin design allows maximum air flow and saving energy.

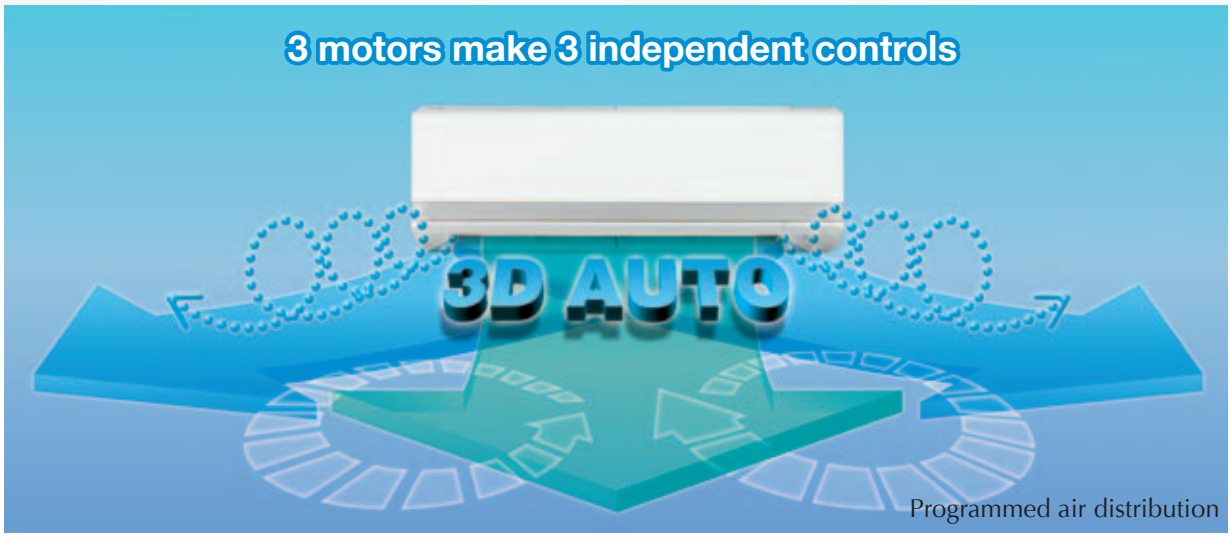


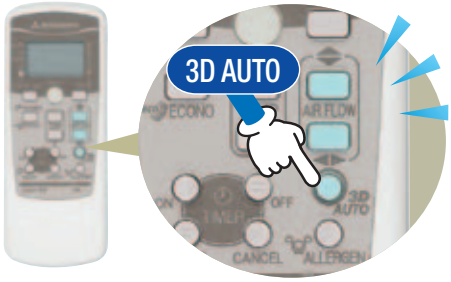
Outdoor unit

Redesigned by changing the fin configuration from flat sheet to new M shape fin, efficiency has been improved. An optimum balance of heat transfer and air flow has been achieved.



3D AUTO Vertical + Horizontal AIR SCROLL

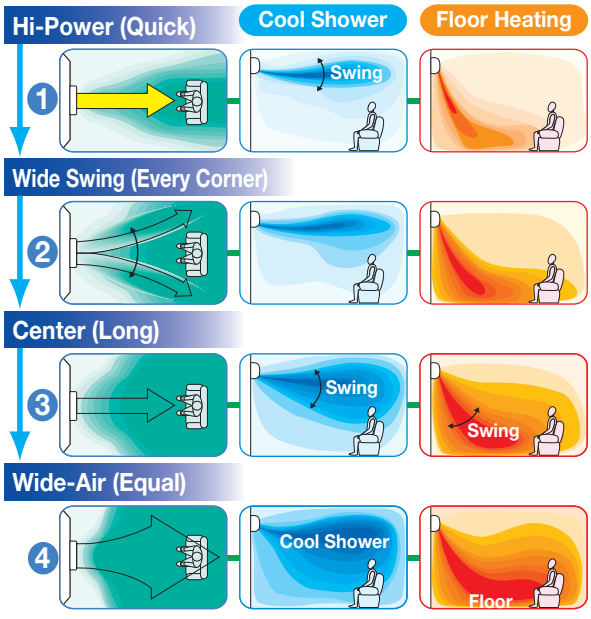




3D AUTO is a one touch programme. Three motors (one vertical working motor + two horizontal working motors) make three independent air flow controls.
The airflow is uniform, quiet and reaches at long distance from the indoor unit.

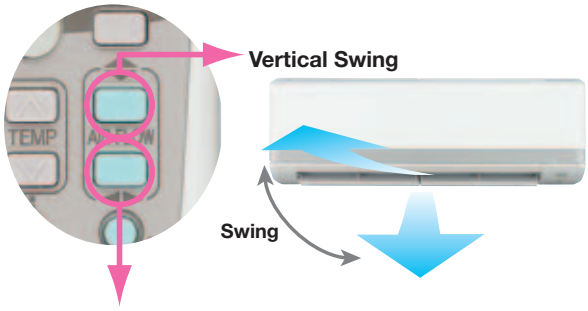
Applied models
SRK-ZJX, SRK-ZJ
SRK63/71/80ZK, Manual Setting only

Programmed 3D AUTO

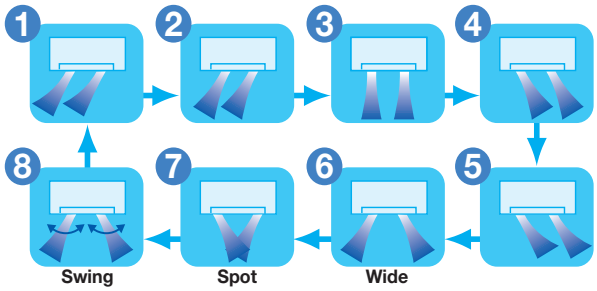


Automatic control of air flow volume and air flow direction enables comfortable air conditioning of the entire room.
In cooling operation, cooled air flows directly to the ceiling not directly onto the occupants of the room. The comfort cooled air flow comes down from the ceiling like a soft shower.
In heating operation, warm air flows to the floor directly and spreads along the floor. The concentration of the warm air at floor level increases comfort.

Manual Setting



Horizontal Air Scroll 8 Direction Swing



Individual control of right and left louver enables air flow direction from the right and the left side of the unit, setting the most preferable air flow direction and determining whether direct air flow is required or not.

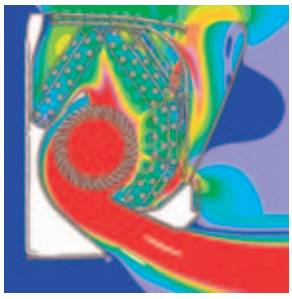
Applied models
All SRK

Aircraft technology was used in the design of the air conditioner's airflow system

Jet air scroll long reach & silent air flow

We used the same aerodynamic analysis technology as used in developing jet engines.

CFD (computational fluid dynamics) is used for blade shape design and air channels for jet engines. The same technology has been used in our air conditioners. The airflow of the jets created in this system enables a large volume of air to be blown with a minimum amount of power consumption. The airflow is uniform, quiet and reaches a long distance from the indoor unit.



Fast ⟷ Slow
Colors in the figure show the air speed.

Applied models
SRK50/60ZJX,
SRK63/71/80ZK

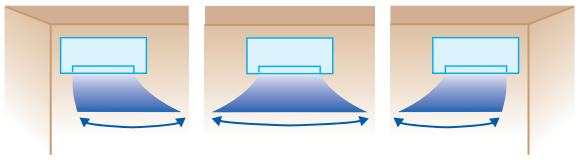
Long Reach Air Flow

The jet technology enables powerful airflow ideal for large living areas and commercial premises, increasing your comfort.

Applied models
SRK-ZJX, SRK-ZJ

Positioning of Installation

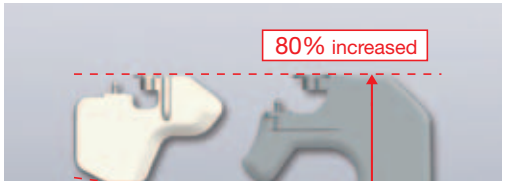
You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.



Applied models
SRK-ZJX

New louver

The new louver has a new design and shape.It has increased in surface area by 80%. In addition to improved control of the increased air flow volume, it has improved controllability of the right to left swing function.

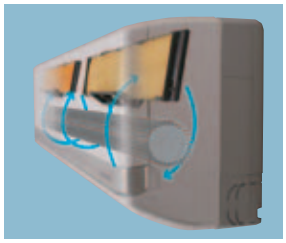


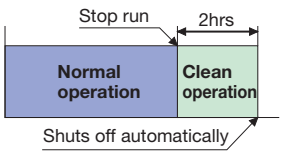
Generates the same amount of negative ions as a forest environment

Applied models
SRK-ZJX, SRK-ZK

24-hour ION

The air conditioner body has a tourmaline coated sheet. Negative ions (2,500 -3,000/cc) are generated even when the air conditioner is not running, allowing you to experience them without incurring any electrical cost.





Keeping the indoor unit clean

Applied models
All SRK

Self clean operation

The 'self clean operation' is operated for 2 hours after the unit has ceased normal operation. The indoor fan continues to operate on ultra low speed to dry the unit. This restricts the growth of mould. This feature can be selected on the remote control.

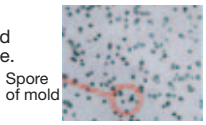
Situation of mold after one week

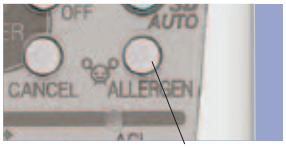
When you don't execute "Self Clean Operation"

Fungal mycelia expand.

When you execute "Self Clean Operation"

The spore of mold doesn't germinate.





Push ALLERGEN Mode

The air in your room is kept fresh

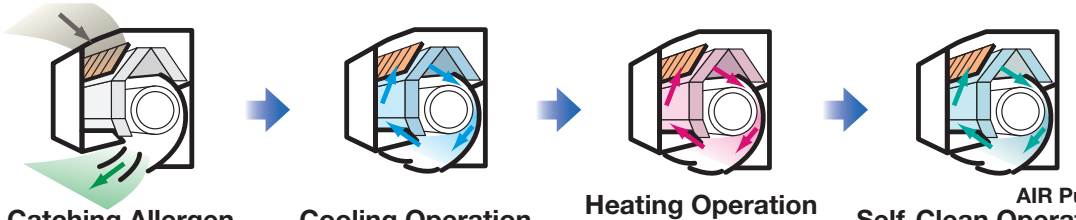
Applied models
SRK-ZJX, SRK-ZJ
SRK-ZK

First in the world

Allergen clear system

The 'Allergen Clear system' suppresses the influence of the allergen caught by the filter by controlling the temperature and humidity.

20 of Patent Pending



Catching Allergen on the Filter

Cooling Operation
To make condensing water.

Heating Operation
To give moisture to the Filter to inactivate allergen

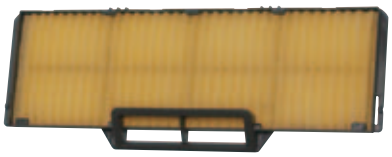
AIR Purify Self-Clean Operation
To dry up the indoor unit

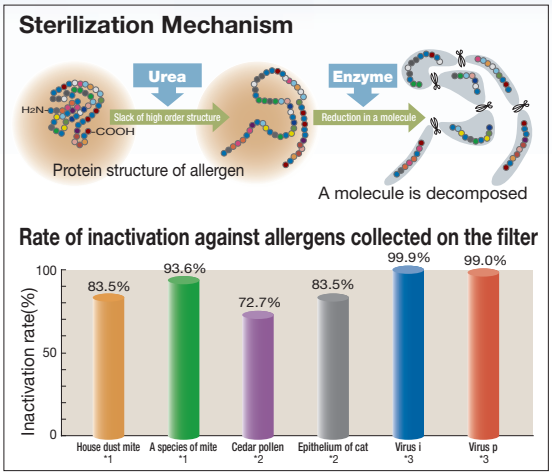
This is the original and only technology to control the temperature and humidity for inactivating allergens

Allergen clear filter

Enzyme + Urea deactivates allergens and kills bacteria

The allergen clear filter deactivates pollen lice and allergens that live on cat skin etc. The deactivation secret is the Enzyme-urea compound. It deactivates not only allergens but some bacteria, moulds and viruses. Even if allergen, mould, virus or bacteria fly off the filter they are deactivated so the air in your room is kept fresh.





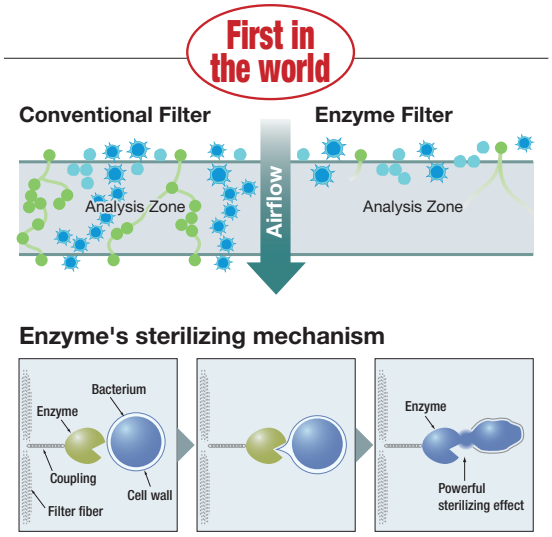
*1 Test method:
ELISA colorimetric method / ELISA fluorescent method
Laboratory:
Independent administrative agency national hospital mechanism Sagamihara Hospital, No.1536
*2 Test method:
ELISA colorimetric method
Laboratory:
Independent administrative agency national hospital mechanism Sagamihara Hospital, No.1536
*3 Test method:
TCID (Infection value 50%)
Laboratory:
Foundation of Kitazato Environmental Science Center, No.15-0145

Helps to destroy fungi and bacteria, also effective on viruses and allergenic compounds (Cat hair, dust mite, pollen etc.)

Natural enzyme filter

Enzyme filter

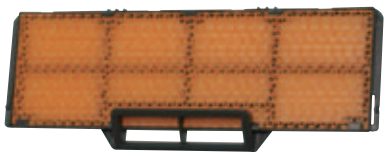
The enzymes used in these filters are naturally occurring lytic enzymes. Lytic enzymes attack cell walls of microorganisms trapped on the filter and destroy them. The Natural Enzyme Filter will clean and sanitize air passing through it.

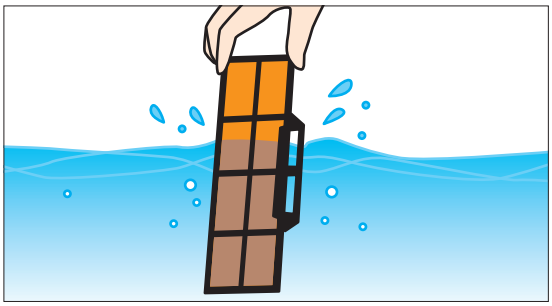


The deodorizing ability of this filter can be easily restored simply by cleaning and exposing to the sunlight

Photocatalytic washable deodorizing filter

This filter will keep the air fresh by deodorizing the molecules that cause odours. The deodorizing effect can be restored by washing with water and then drying under the sun. This filter maintains its deodorizing effect even after many repeat uses.





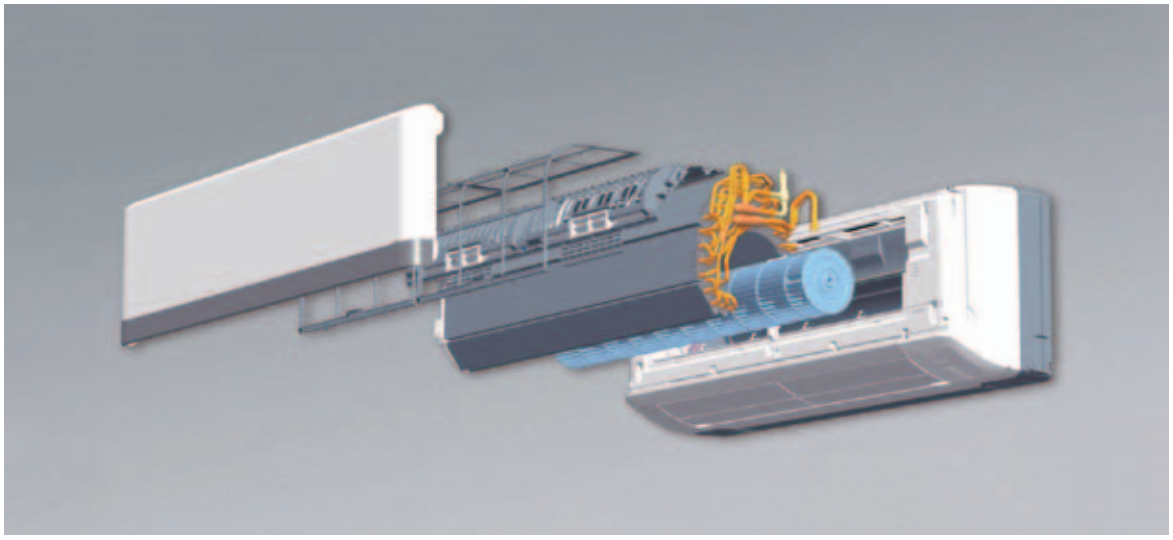
Used in models

Filter \ Indoor Unit	SRK-ZJX	SRK-ZK	SRK-ZJ	SRF-ZJX	SRK-YJ
Allergen Clear Filter	1pc	1pc	1pc	—	—
Natural Enzyme Filter	—	—	—	1pc	1pc
Photocatalytic Washable Deodorizing Filter	1pc	1pc	1pc	1pc	1pc

Anti-microbial specifications and design will deliver cleanliness and safety

Anti-microbial indoor fan

Applied models
All SRK



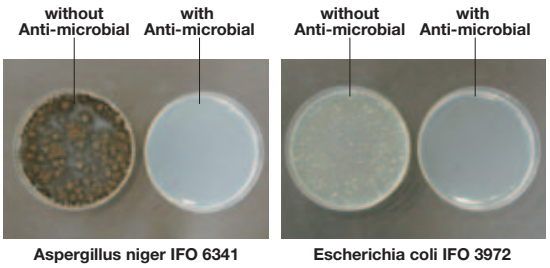
Anti-microbial treatment

Anti-microbial indoor fan

The indoor fan has undergone anti-microbial treatment to resist growth of mould and germs. Mould creating odours which can occur when an air conditioner is not in operation are prevented.

·Intestinal bacteria (Escherichia coli IFO 3972)
·Staphylococcus aureus subsp. aureus IFO 12732
Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-7.
Test Report No.: 104034022-001
Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" –5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.
·Apergillus niger IFO 6341
Testing Authority: Japan Food Analysis Center
Test Results Issued: 2004-4-23.
Test Report No.: 104034022-002
Tests were conducted with reference to the antimicrobial strength tests in JIS Z 2801 2000 "Antimicrobial Products-Antimicrobial Test Method" –5.2 Antimicrobial Effects: Test Methods for Plastic Products, etc.

Comparison of growth of bacteria and mold on fan surfaces (microscopic image)



Aspergillus niger IFO 6341 **Escherichia coli IFO 3972**

In tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hrs after contact with bacteria, cultured on agar media.

Live Bacteria Count on Measured Test Pieces

Tested Contaminant	Measurement	Test Pieces	Bacteria Count Per Test Piece		
			Measurement 1	Measurement 2	Measurement 3
Escherichia coli IFO 3972 coli	Immediately after contact	Not treated	1.9×10^5	1.6×10^5	1.3×10^5
	After 24 hrs at 35°C	Test piece 1	<10	<10	<10
		Not treated	3.8×10^6	4.9×10^6	7.2×10^6
Staphylococcus aureus	Immediately after contact	Not treated	1.4×10^5	1.6×10^5	1.3×10^5
	After 24 hrs at 35°C	Test piece 1	<10	<10	<10
		Not treated	8.6×10^5	4.5×10^5	3.6×10^5
Aspergillus niger	Immediately after contact	Not treated	1.5×10^4	2.2×10^4	1.6×10^4
	After 24 hrs at 35°C	Test piece 1	<10	<10	<10
		Not treated	1.0×10^4	1.2×10^4	2.5×10^4

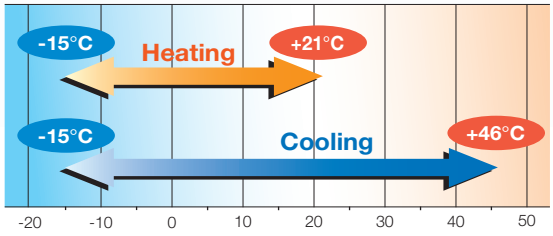
Test Pieces 1) Products with Antimicrobial and Antifungal Treatment

Applied models
SRK-ZJX, SRK-ZK,
SRK-ZJ, SRF-ZJX

Wide operation range

Heating and cooling operations are possible at an outdoor temperature as low as –15°C

Our advanced technology has improved the heating and cooling operation range.
Units can be installed when heating or cooling operation is required at low ambient conditions down to -15°C.



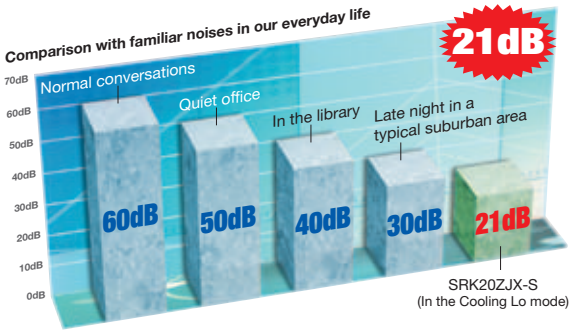
✻For the capacities under low temperature conditions, refer to technical manual.

Silent airflow and long reach

Quiet operation

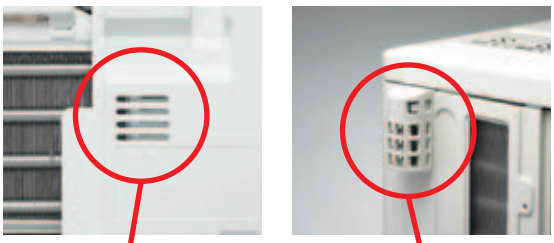
The secret of quiet operation

The combination of the jet airflow system and serration stabilizer configuration ensures uniform breeze to every corner of the room. It also makes it possible to lower the operation noise further by minimizing the interaction between airflow and the fan.



Three sensors

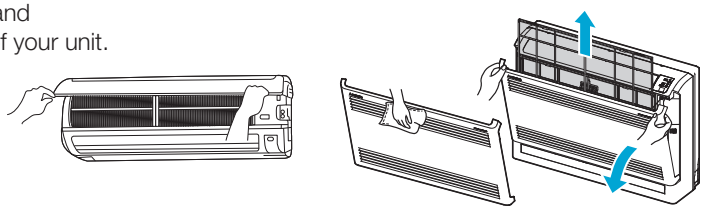
Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable the unit to obtain optimum air-conditioning.



Applied models
All SRK, SRF

Washable filter and easy cleaning of the air inlet panel

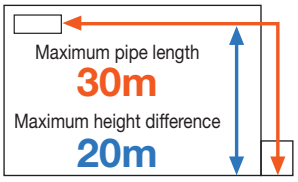
Removing the air filter is quite easy. Keeping the air filter clean is an effective way to save energy and keep the original powerful performance of your unit.
The air inlet panel is also removable and can be cleaned easily.



Applied models
SRK50/60ZJX,
SRK-ZK
SRF-50ZJX

Long piping length

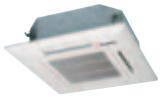
Piping length has been extended and design flexibility has been improved.



Product line up

	Model			Capacity Range (kW: Rated cooling capacity)								Page
				2.0	2.5	3.5	5.0	6.0	6.3	7.1	8.0	
HEAT PUMP DC INVERTER	SRK-ZJX		Hyper	20ZJX-S	25ZJX-S	35ZJX-S	50ZJX-S	60ZJX-S				14
	SRK-ZK		Hyper						63ZK-S	71ZK-S	80ZK-S	16
	SRK-ZJ		Premium Series	20ZJ-S	25ZJ-S	35ZJ-S	50ZJ-S					17
	SRF-ZJX		Hyper		25ZJX-S	35ZJX-S	50ZJX-S					18

	Model			Capacity Range (kW: Rated cooling capacity)								Page
				2.0	2.5	3.5	5.0	6.0	6.3	7.1	8.0	
COOL ONLY INVERTER	SRK-YJ		Premium Series		25YJ-S	35YJ-S	50YJ-S					24

	Model			Capacity Range (kW: Rated cooling capacity)								Page
				2.0	2.5	3.5	4.0	5.0	6.0	7.1	8.0	
INVERTER MULTI	SRK-ZJX		Hyper	20ZJX-S	25ZJX-S	35ZJX-S		50ZJX-S	60ZJX-S			22
	SRK-ZJ		Premium Series	20ZJ-S	25ZJ-S	35ZJ-S		50ZJ-S				23
	SRF-ZJX		Hyper		25ZJX-S	35ZJX-S		50ZJX-S				22
	SRR-ZJ				25ZJ-S	35ZJ-S		50ZJ-S	60ZJ-S			23
	FDTC-VD				25VD	35VD		50VD	60VD			23
	OUTDOOR UNIT SCM		Hyper				40ZJ-S	50ZJ-S	60ZJ-S			21
			Hyper							71ZJ-S	80ZJ-S	21

Filter

Allergen Clear Filter
The filter break down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.

Photocatalytic Washable Deodorizing Filter
It keeps air fresh by deodorizing the molecules causing odor. The deodorizing ability can be easily restored simply by cleaning and exposing to the sunlight.

Natural Enzyme Filter
Enzymes used in the filter are naturally occurring lytic enzymes which attack cell walls of microorganisms trapped on the filter and destroy them.

See details on page 8.

Comfortable Functions

Fuzzy Auto Mode
Automatically the unit determines its operating mode and temperature setting based on a fuzzy calculation and adjusts the inverter frequency.

Automatic Operation
The air conditioner automatically selects from heating, cooling or dry operation.

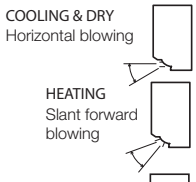
"HI POWER" Operation
The unit can operate continuously in HI POWER mode for 15 minutes. This mode is used to reach the desired temperature quickly.

Three "Hot" System
'Hot start' enables the unit to begin heating operation quickly.
'Hot spurt' a fast heating system that works to increase the temperature setting by two degrees.
'Hot keep' used during the automatic defrost cycle to prevent cool air being circulated.
These three operational control systems help ensure comfortable and efficient heating.

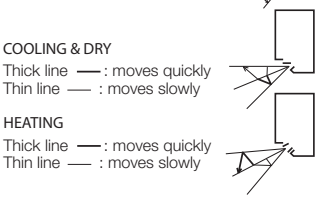
Comfortable Air Flow Functions

3D Auto
You can choose the best heating or cooling pattern with the touch of a button.

Auto Flap Mode
The unit automatically selects the optimal angle whatever the operation mode.

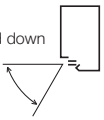


Air Scroll
The swing of the flap causes the air flow to spiral and the breeze reach all corners of the room.



Memory Flap
While the flap is swinging it can be stopped at any angle. The flap returns to this position next time the unit starts.

Up/Down Flap Swing
The Up/Down flap can be adjusted to the preferred angle anywhere between horizontal and perpendicular.



Lateral swing
The louver swings from right to left automatically. Louver angle can be fixed in any desired position.

Air outlet selection
Both lower and upper air outlets and upper air outlet can be selected. (SRF models only)

Positioning of Installation
You can set the left-right air flow directions when you installed the air conditioner near the side wall by remote controller operation.

Convenience & Economy Functions

On Timer
This enables the operation to start a little earlier so that the room is near to set temperature at ON time.

Economy Mode
The unit achieves effective energy saving operation while still keeping a comfortable cooling or heating operation.

Dry Operation
The unit dehumidifies the room by intermittent cooling operation.

24-hour On/Off Programmable Timer
By combining a start timer with a stop timer you can register two timer operations a day. Once set timers will start or stop the system at the specified time of the day repeatedly.

Off Timer
The unit stops at the specified time.

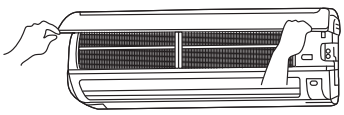
Sleep Mode
The room temperature is automatically controlled during that set sleep mode period ensuring that the room temperature will not get too hot or cold.

Maintenance & Prevention Functions

Microcomputer-Operated Defrosting
This function automatically eliminates frost and helps minimize excessive operation in other modes.

Self-Diagnostic Function
If the air conditioner malfunctions an internal microcomputer runs a self diagnosis. Inspection and repair should be performed by authorized dealers.

Detachable Indoor Air Inlet Panel
The air inlet panel on the indoor unit opens and closes easily making filter cleaning simple. The suction panel can be easily removed.



When removing the air inlet panel for internal cleaning or other reason, open the grill by 65 degrees and then pull it to the side.

Others

Back-up Switch
On the indoor unit there is a back up on/off switch. The system will operate in the previous mode.

Auto Restart Function
Power blackout auto restart function records the operational status of the air conditioner immediately prior to being switched off by power supply interruption. The unit automatically resumes operations in that mode and temperature set point after the power has been restored.

24-hour ION
The air conditioner body has a tourmaline coated sheet. Negative ions (2,500 -3,000/cc) are generated when the air conditioner is not running, allowing you to experience them without incurring any electrical cost.

Luminous Button
With wireless "Luminous" remote controls that even "glow in the dark", it is possible to operate all desired functions of the unit with the click of a button.

SRK-ZJX

HyperInverter

R410A

Wall Mounted type

Standard equipment

SRK20ZJX-S, SRK25ZJX-S, SRK35ZJX-S
SRK50ZJX-S, SRK60ZJX-S

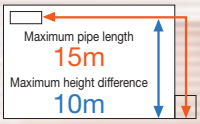
Single Multi

All SRK-ZJX series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

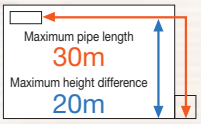
SRC20ZJX-S, SRC25ZJX-S, SRC35ZJX-S

SRC50ZIX-S, SRC60ZIX-S

Refrigerant pipe length



SRK20ZJX-S
SRK25ZJX-S
SRK35ZJX-S



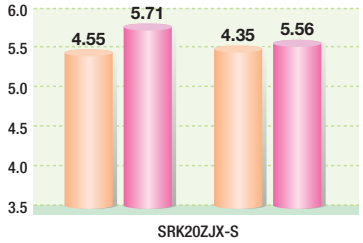
SRK50ZIX-S
SRK60ZIX-S

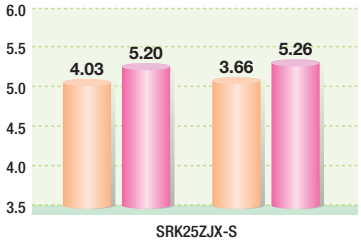
FUNCTION

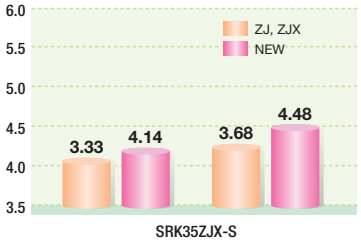
Indoor			SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S	SRK60ZJX-S
Outdoor			**SRC20ZJX-S**	**SRC25ZJX-S**	**SRC35ZJX-S**	**SRC50ZIX-S**	**SRC60ZIX-S**
Power Supply	Outdoor Unit		1 Phase 230V 50Hz				
Capacity	Cooling T1	kW	2.0(0.9-3.1)	2.55(0.9-3.2)	3.5(0.9-4.1)	5.0(0.7-6.2)	6.0(0.8-6.8)
	Heating H1		2.5(0.9-4.3)	3.13(0.9-4.7)	4.3(0.9-5.1)	6.0(0.7-8.8)	6.8(0.8-9.7)
	Heating H2		3.52	3.79	4.04	6.33	6.88
Input	Cooling T1	kW	0.35(0.19-0.7)	0.49(0.19-0.82)	0.845(0.19-1.01)	1.3(0.2-2.2)	1.86(0.25-2.3)
	Heating H1		0.45(0.23-1.0)	0.595(0.23-1.12)	0.96(0.23-1.35)	1.35(0.2-2.26)	1.67(0.25-2.7)
	Heating H2		0.984	1.095	1.256	2.133	2.529
Energy Label	Cooling	Stars	6	5	3	2.5	1.5
	Heating		5.5	5.5	3.5	3.5	3
Energy Star			Yes	Yes	Yes	Yes	No
EER	Cooling T1		5.71	5.20	4.14	3.85	3.23
COP	Heating H1		5.56	5.26	4.48	4.44	4.07
COP	Heating H2		3.58	3.46	3.22	2.97	2.72
Current	Cooling	Amp	1.8	2.4	3.8	5.7	8.2
	Heating		2.2	2.9	4.4	5.9	7.3
	Recommended Circuit Breaker		16				
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	60	60	63	62	65
	Heating Outdoor		59	60	62	62	65
Sound Pressure Level (JIS C9612)	Cooling Indoor	dB	39/30/21	41/31/22	43/33/22	47/40/27	31/41/29
	Heating Indoor		38/33/25	41/34/27	42/35/27	48/40/33	48/41/34
Airflow	Cooling Indoor	l/s	191-133-83	208-150-83	225-158-83	225-183-133	241-208-141
	Heating Indoor		200-158-116	216-166-125	233-183-134	275-241-175	283-250-183
External Dimensions (HXWXD)	Indoor	mm	309X890X220				
	Outdoor		595X780(+62)X290			640X800(+71)X290	
Net Weight	Indoor	kg	15				
	Outdoor		38			43	
Refrigerant Piping	Liquid Line	mm	Ø6.35				
	Gas Line		Ø9.52			Ø12.7	
	Connection Method		Flare				
Refrigerant R410A	Quantity	kg	1.2			1.4	
	Pre Charged To Pipe Length	m	15				
Clean Filter			Alergen Clear & Photocatalytic				

Industry leading COP levels

Our new models, SRK20/25/35ZJX-S have reached perhaps the highest level of COP (coefficient of performance) in the industry.







Movable air inlet panel

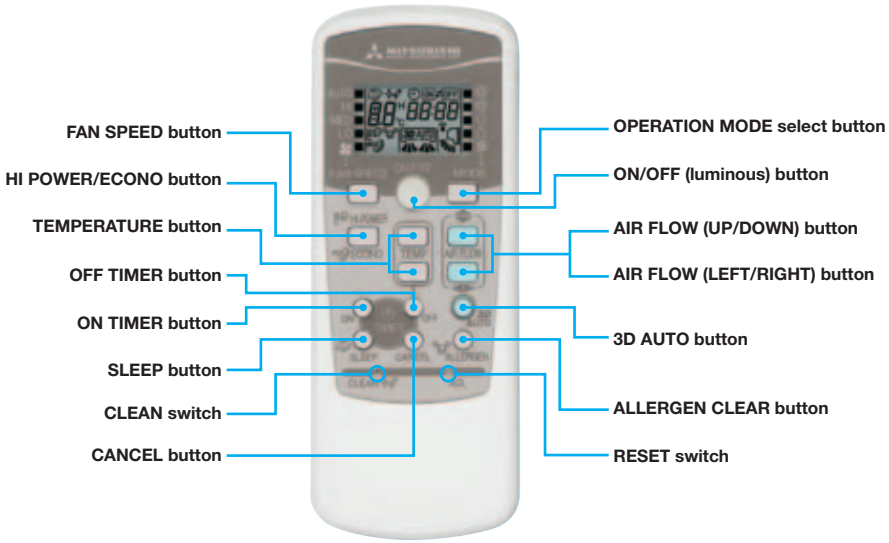
By applying a movable air inlet panel, minimization of air resistance and advanced design are achieved. Our advanced design featuring a movable air inlet panel minizes air resistance.

Unification of indoor unit design

All the ZJX series have the same design for indoor units with a sophisticated flat front panel.

Remote control

Operation section



SRK-ZK

Wall Mounted type

HyperInverter

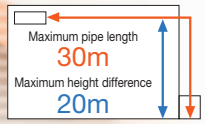
R410A

NEW

SRK63ZK-S, SRK71ZK-S SRK80ZK-S

SRC63ZK-S, SRC71ZK-S SRC80ZK-S

Refrigerant pipe length



SRK63ZK-S
SRK71ZK-S
SRK80ZK-S

FUNCTION

Comfortable Functions

Comfortable Air Flow Functions

Convenient & Economy Functions

Maintenance & Prevention Functions

Others

Indoor			SRK63ZK-S	SRK71ZK-S	SRK80ZK-S
Outdoor			**SRC63ZK-S**	**SRC71ZK-S**	**SRC80ZK-S**
Power supply	Outdoor Unit		1ph 230V 50Hz		
Capacity	Cooling T1	kW	6.3 (2.15~7.10)	7.1 (2.15~8.00)	8.0 (2.15~8.50)
	Heating H1		7.1 (1.70~9.50)	8.0 (1.60~10.00)	9.0 (1.7~10.5)
	Heating H2		7.90	8.00	8.00
Input	Cooling T1	kW	1.76	2.16	2.65
	Heating H1		1.79	2.14	2.55
	Heating H2		2.85	2.9	2.95
Energy Label	Cooling T1	Stars	2.0	1.5	1.0
	Heating H1		3.0	2.5	2.0
Energy Star			Yes	Yes	Yes
EER	Cooling T1		3.58	3.29	3.02
COP	Heating H1		3.97	3.74	3.53
	Heating H2		2.77	2.76	2.71
Current (Max)	Cooling T1	A	8.0 (16.5)	9.7 (17.0)	11.9 (17.5)
	Heating H1		8.1 (16.5)	9.7 (17.0)	11.4 (17.5)
Rec Circuit Breaker		A	20A		
Sound power level (JIS C9612)	Cooling(Outdoor)	dB (A)	62	66	69
	Heating(Outdoor)		63	64	66
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB	47-43-37-26	49-45-39-26	50-47-41-26
	Heating(Indoor)		44-41-36-33	46-43-39-35	48-45-40-37
Airflow	Cooling(Indoor)	L/s	310	325	350
	Heating(Indoor)		342	358	392
External dimensions (HXWXD)	Indoor	mm	318 × 1098 × 248		
	Outdoor		750 × 880 (+88) × 340		
Net weight	Indoor	kg	15		
	Outdoor		57		
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø15.88		
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	1.8		
	Pre Charged To Pipe Length	m	15		
Clean Filter			Allergen Clear & Photocatalytic		

Premium Series

SRK-ZJ

Wall Mounted type

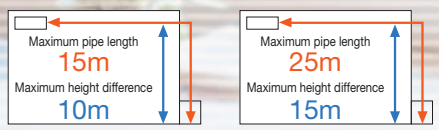
R410A

SRK20ZJ-S, SRK25ZJ-S
SRK35ZJ-S, SRK50ZJ-S

Single Multi

All SRK-ZJ series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

Refrigerant pipe length



SRK20ZJ-S, SRK25ZJ-S SRK35ZJ-S

SRK50ZJ-S

SRC20ZJ-S, SRC25ZJ-S SRC35ZJ-S

SRC50ZJ-S

FUNCTION

Allergen System | Self Clean Operation | Allergen Filter | SUN Filter

Comfortable Functions

Fuzzy | Auto | HI POWER

Comfortable Air Flow Functions

3D Auto | Auto Flap | Memory | UP/DOWN | Lateral Swing | Positioning of installation

Convenient & Economy Functions

Economy | DRY | OFF Timer | Sleep | On 24h Timer Off | On Timer

Maintenance & Prevention Functions

MC | Self Diagnostic | Detachable

Others

Back-up Switch | Auto Restart | Luminous

Indoor			SRK20ZJ-S	SRK25ZJ-S	SRK35ZJ-S	SRK50ZJ-S
Outdoor			**SRC20ZJ-S**	**SRC25ZJ-S**	**SRC35ZJ-S**	**SRC50ZJ-S**
Power Supply	Outdoor Unit		1 Phase 230V 50Hz			
Capacity	Cooling T1	kW	2.0(1.0~2.7)	2.5(1.0~2.9)	3.5(1.0~3.8)	5.0(1.6~5.5)
	Heating H1		2.7(1.2~3.9)	3.2(1.2~4.2)	4.0(1.3~4.8)	5.8(1.6~6.6)
	Heating H2		3.23	3.26	3.72	5.30
Input	Cooling T1	kW	0.44(0.21~0.77)	0.62(0.21~0.88)	1.01(0.21~1.24)	1.55(0.4~2.2)
	Heating H1		0.62(0.27~1.38)	0.8(0.27~1.36)	1.0(0.29~1.45)	1.59(0.42~2.10)
	Heating H2		1.222	1.185	1.310	2.166
Energy Label	Cooling	Stars	4	3	2	1.5
	Heating		3.5	3	3	2.5
Energy Star			No	No	No	No
EER	Cooling T1		4.55	4.03	3.47	3.23
COP	Heating H1		4.35	4.00	4.00	3.65
	Heating H2		2.64	2.75	2.84	2.45
Current	Cooling	Amp	2.4	3.1	4.7	6.8
	Heating		3.1	3.8	4.7	7
	Recommended Circuit Breaker		16			
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	59	60	62	61
	Heating Outdoor		58	61	63	63
Sound Pressure Level (JIS C9612)	Cooling Indoor	dB	33-27-21	34-28-21	42-32-22	46-37-26
	Heating Indoor		36-31-24	39-31-24	43-37-25	45-37-31
Airflow	Cooling Indoor	l/s	130-93-80	131-100-83	168-106-83	188-130-88
	Heating Indoor		163-105-83	176-108-85	213-156-101	225-170-125
External Dimensions (HXWXD)	Indoor	mm	294X798X229			
	Outdoor		540X780(+62)X290			640X800(+71)X290
Net Weight	Indoor	kg	9.5			
	Outdoor		32		35	42
Refrigerant Piping	Liquid Line	mm	Ø6.35			
	Gas Line		Ø9.52			Ø12.7
	Connection Method		Flare			
Refrigerant R410A	Quantity	kg	0.75		1.05	1.35
	Pre Charged To Pipe Length	m	15			
Clean Filter			Allergen Clear & Photocatalytic			

SRF-ZJX

Floor type

HyperInverter

R410A

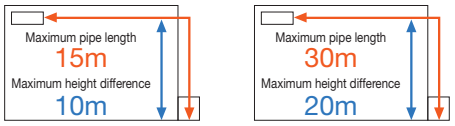
SRF25ZJX-S, SRF35ZJX-S, SRF50ZJX-S

SRC25ZJX-S, SRC35ZJX-S SRC50ZIX-S

Single Multi

All SRF-ZJX series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit.

Refrigerant pipe length



SRC25ZJX-S, SRC35ZJX-S SRC50ZIX-S

FUNCTION

Self Clean Operation, Enzyme Filter, SUN Filter

Comfortable Functions: Fuzzy, Auto, HI POWER

Comfortable Air Flow Functions: Auto Flap, Memory, UP/DOWN, Air outlet selection

Convenient & Economy Functions: Economy, DRY, OFF Timer, Sleep, On 24h Timer Off, On Timer

Maintenance & Prevention Functions: MC, Self Diagnostic, Detachable

Others: Back-up Switch, Auto Restart, Luminous

Indoor			SRF25ZJX-S	SRF35ZJX-S	SRK50ZJX-S
Outdoor			**SRC25ZJX-S**	**SRC35ZJX-S**	**SRC50ZIX-S**
Power Supply	Outdoor Unit		1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.5(0.9~3.2)	3.5(0.9~4.1)	5.0(0.7~5.5)
	Heating H1		3.4(0.9~4.7)	4.5(0.9~5.1)	6.0(0.7~7.0)
	Heating H2		3.55	3.92	6.14
Input	Cooling T1	kW	0.521(0.19~0.82)	0.890(0.19~1.26)	1.390(0.2~1.8)
	Heating H1		0.723(0.23~1.2)	1.124(0.23~1.43)	1.540(0.2~2.25)
	Heating H2		1.121	1.325	2.135
Energy Label	Cooling	Stars	4	2.5	2
	Heating		4	3	2.5
Energy Star			Yes	Yes	Yes
EER	Cooling T1		4.80	3.93	3.60
COP	Heating H1		4.70	4.00	3.90
COP	Heating H2		3.17	2.96	2.88
Current	Cooling	Amp	2.5	3.9	6.1
	Heating		3.4	4.9	6.8
	Recommended Circuit Breaker		16		
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	60	63	62
	Heating Outdoor		60	62	62
Sound Pressure Level (JIS C9612)	Cooling Indoor	dB	38-31-26	41-34-28	46-42-32
	Heating Indoor		38-34-28	41-36-31	47-41-33
Airflow	Cooling Indoor	l/s	150-126-96	153-130-106	191-160-110
	Heating Indoor		175-136-110	178-138-123	200-166-126
External Dimensions (HXWXD)	Indoor	mm	600X860X238		
	Outdoor		595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	kg	18	19	
	Outdoor		38		43
Refrigerant Piping	Liquid Line	mm	Ø6.35		
	Gas Line		Ø9.52		Ø12.7
	Connection Method		Flare		
Refrigerant R410A	Quantity	kg	1.2		1.4
	Pre Charged To Pipe Length	m	15		
Clean Filter			Enzyme & Photocatalytic		

Sophisticated design

With a classy semi flat front panel in chic white, this series fits in all kinds of rooms and creates a relaxing atmosphere. Choice of wall hanging, floor standing or behind gallery installation is available.

Quiet operation

The optimum balance of air outlet direction and sufficient air flow volume means the sound level has been minimized. The level of SRF25ZJX-S in the cooling lo mode is only 26dB(A).

Auto air outlet selection

Heating operation:

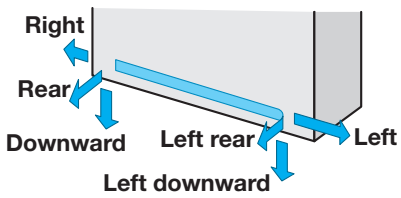
When both lower and upper outlets operation and the Auto fan speed mode is selected, the lower outlet will be kept closed for twenty minutes after the start or until room temperature is close to reaching the set point. Then the air outlet will change to both outlets. That state will be maintained until the switch is turned off.
Automatic adjustment of lower air outlet direction prevents stirring up of warm air and keeps optimum comfort at floor level.

Cooling operation:

When both lower and upper outlets operation is selected in Cooling or Dry operation, both outlets are kept open for sixty minutes after the start or until room temperature is below set point. Then the air outlet will change to the upper outlet. That state will be maintained until unit is switched off.
In case both outlets operation with Auto fan speed mode is selected, the upper outlet will be kept closed for ten minutes after the start or until room temperature is close to reaching the set point. Then the air outlet will change to both outlets in order to spread comfort air to every corner.

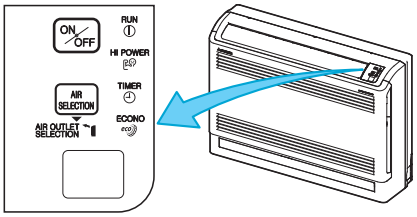
Installation workability

Piping and drain hose connection can be selected out of 6-directions.



Convenient to use operation

Besides on/off operation, simultaneous lower and upper air outlets or upper outlet can be selected by the air flow direction button. Further control can be selected on the remote control.



Inverter Multi-split System

R410A

NEW

The multi-split system allows a single outdoor unit to service up to four indoor unit configurations.
Four different styles of indoor units can connect to a line up of 5 multi circuited outdoor units from 4.0kW to 13.5kW.

ZJX, ZJ

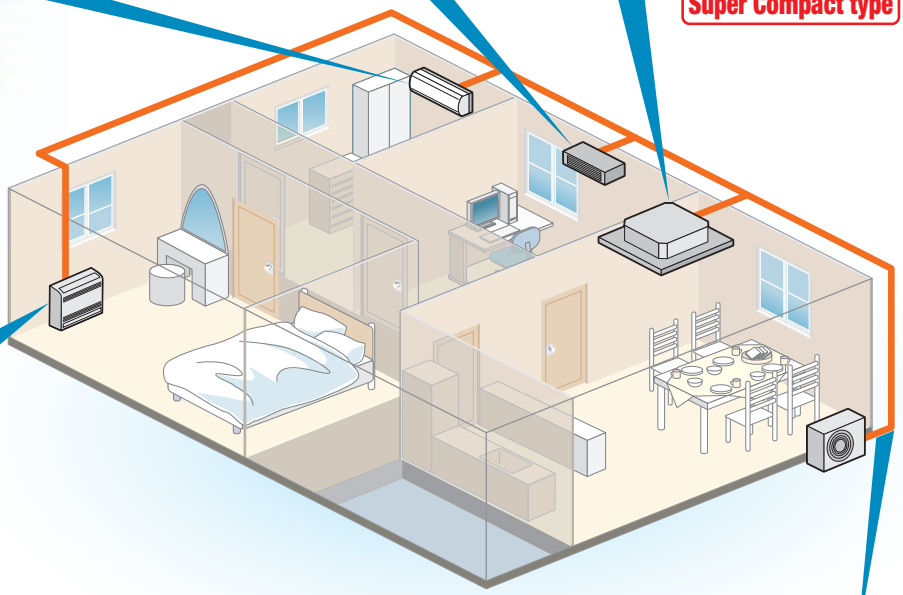
Wall mounted type **SRK**

Ceiling concealed type **SRR**

4way ceiling cassette type **FDTC**

600 x 600
Super Compact type

Floor type **SRF**



Multi circuit
Refrigerant piping

OUTDOOR UNIT

SCM40ZJ-S, SCM50ZJ-S
SCM60ZJ-S

SCM71ZJ-S, SCM80ZJ-S

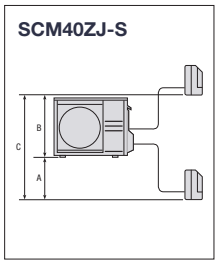
Industry leading COP levels

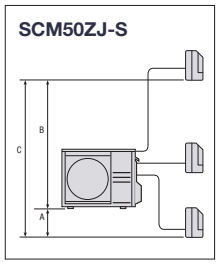
Our new models, SCM40~80ZJ-S have high levels of COP (coefficient of performance). There is a full model change to both the outdoor and indoor (SRK series) units.
The outdoor unit uses new advanced compressors with new inverter control (Vector control) and new M shape fin.
Indoor units SRK series are the latest series, and are common to both of single and multi system (SRK**ZK excluded).

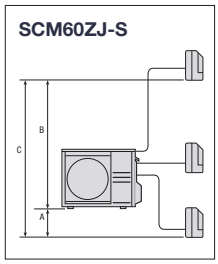
PIPING LENGTH - The maximum length and weight of this indoor and outdoor units is shown below.

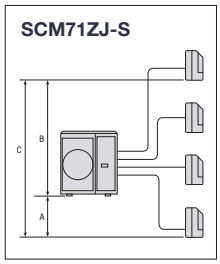
Limit The maximum piping length of the refrigerant pipes for the outdoor units, and the maximum height difference for the outdoor units are as shown below.

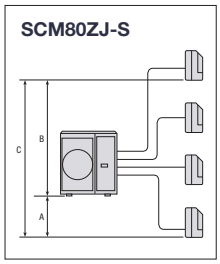
		SCM40ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
	length for one indoor unit	under 25m	under 25m	under 25m	under 25m	under 25m
	total length for all rooms	under 30m	under 40m	under 40m	under 70m	under 70m
height difference	lower installation spot of the indoor unit (A)	under 15m	under 15m	under 15m	under 20m	under 20m
	upper installation spot of the indoor unit (B)	under 15m	under 15m	under 15m	under 20m	under 20m
	maximum height difference of the indoor units (C)	under 25m	under 25m	under 25m	under 25m	under 25m
	precharged to refrigerant pipe length	30m	40m	40m	40m	40m











Outdoor			SCM40ZJ-S	SCM50ZJ-S	SCM60ZJ-S	SCM71ZJ-S	SCM80ZJ-S
			2 Rooms	2~3 Rooms		2~4 Rooms	
Power supply			1 Phase 230V 50Hz				
Capacity	Cooling	kW	4.0(1.8~5.9)	5.0(1.8~7.1)	6.0(1.8~7.5)	7.1(1.8~8.8)	8.0(1.8~9.2)
	Heating		4.5(1.4~6.9)	6.0(1.4~7.5)	6.8(1.5~7.8)	8.6(1.5~9.4)	9.3(1.5~9.8)
Input	Cooling	kW	0.84	1.08	1.43	1.74	2.16
	Heating		0.90	1.31	1.51	2.00	2.26
EER	Cooling		4.76	4.63	4.20	4.08	3.70
COP	Heating		5.00	4.58	4.50	4.30	4.12
Current	Cooling	Amp	3.7	4.7	6.5	7.6	9.4
	Heating		4.0	5.8	6.8	8.8	10.0
	Recommended Circuit Breaker		25				
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	60	62	63	65	66
	Heating(Outdoor)		62	65	65	66	66
External dimensions (HXWXD)	Outdoor	mm	640X850X290			750X880X340	
Net weight	Outdoor	kg	47	48	49	62	
Refrigerant piping	Liquid Line	mm	Ø6.35X2	Ø6.35X3		Ø6.35X4	
	Gas Line		Ø9.52X2	Ø9.52X3		Ø9.52X4	
	Union	mm		Ø 9.52~12.7 X1	Ø 9.52~12.7 X2		
	Connection Method		Flare				
Refrigerant R410A	Quantity	kg	2.0	2.5		3.15	
	Pre Charged To Pipe Length	m	30	40			
Indoor unit combination	SRK*ZJ	kW	2.0,2.5&3.5	2.0,2.5,3.5&5.0	2.0,2.5,3.5&5.0		
	SRK*ZJX				2.0,2.5,3.5,5.0&6.0		
	SRF*ZJX		2.5&3.5	2.5,3.5&5.0	2.5,3.5&5.0		
	SRR*ZJ				2.5,3.5,5.0&6.0		
	FDT*VD						
Indoor Unit Connection		Number	2 units	2~3 units		2~4 units	
Indoor Connection Capacity		kW	4.0~6.0	4.0~8.5	4.0~11.0	4.0~12.5	4.0~13.5

Multi System INDOOR UNIT

Diamond Series SRK-ZJX

Wall mounted type

FUNCTION

SPECIFICATIONS

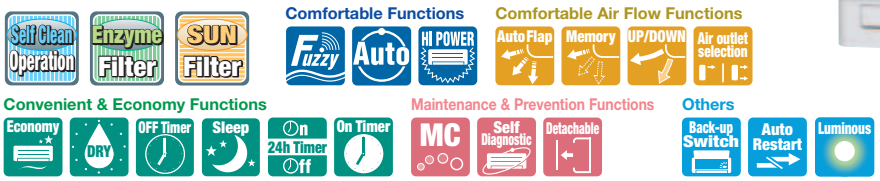
Item			Model	SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S	SRK60ZJX-S
Cooling capacity		ISO-T1(JIS)	kW	2.0	2.5	3.5	5.0	6.0
Heating capacity		ISO-T1(JIS)	kW	2.5	3.1	4.5	5.8	6.8
Sound power level *		Cooling	dB(A)	53	55	58	60	62
		Heating	dB(A)	54	58	59	62	62
Sound pressure level *		Cooling	dB(A)	Hi:39 Me:30 Lo:21	Hi:41 Me:31 Lo:22	Hi:43 Me:33 Lo:22	Hi:47 Me:40 Lo:27	Hi:51 Me:41 Lo:29
		Heating	dB(A)	Hi:38 Me:33 Lo:25	Hi:41 Me:34 Lo:27	Hi:42 Me:35 Lo:27	Hi:48 Me:40 Lo:33	Hi:48 Me:41 Lo:34
Air flow	Indoor	Cooling	l/s	191-133-83	208-150-83	225-158-83	225-183-133	241-208-141
		Heating		200-158-116	216-166-125	233-183-134	275-241-175	283-250-183
Exterior dimensions (H×W×D)			mm	309×890×220				
Net weight			kg	15				
Clean filter				Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1				
Piping		Liquid line	mm	ø 6.35				
		Gas line	mm	ø 9.52			ø 12.7	
OUTDOOR UNITS TO BE COMBINED				SCM40,45,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27CDB, 19CWB, and outdoor temp. of 35CDB. Heating: Indoor temp. of 20CDB, and outdoor temp. of 7CDB, 6CWB.
* Indicates the value in an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.

SRF-ZJX

Floor type

FUNCTION



SPECIFICATIONS

			Model	SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-S
Cooling capacity		ISO-T1(JIS)	kW	2.5	3.5	5.0
Heating capacity		ISO-T1(JIS)	kW	3.4	4.5	5.8
Sound power level *		Cooling	dB(A)	51	52	58
		Heating	dB(A)	51	52	58
Sound pressure level *		Cooling	dB(A)	Hi:40 Me:32 Lo:26	Hi:41 Me:34 Lo:28	Hi:46 Me:42 Lo:32
		Heating	dB(A)	Hi:40 Me:35 Lo:28	Hi:41 Me:36 Lo:31	Hi:47 Me:41 Lo:33
Air flow	Indoor	Cooling	l/s	150-126-96	153-130-106	191-160-110
		Heating		175-136-110	178-138-123	200-166-126
Exterior dimensions (H×W×D)			mm	600×860×238		
Net weight			kg	18	19	
Clean filter				Natural Enzyme FilterX1 Photocatalytic Washable Deodorizing FilterX1		
Piping		Liquid line	mm	ø 6.35		
		Gas line	mm	ø 9.52		ø 12.7
OUTDOOR UNITS TO BE COMBINED				SCM40,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S

The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27CDB, 19CWB, and outdoor temp. of 35CDB. Heating: Indoor temp. of 20CDB, and outdoor temp. of 7CDB, 6CWB.
* Indicates the value in an anechoic chamber.During operation these values are somewhat higher due to ambient conditions.

Premium Series

SRK-ZJ

Wall mounted type

Self Clean Operation | Allergen Filter | SUN Filter

Comfortable Functions

Fuzzy | Auto | HI POWER

Comfortable Air Flow Functions

3D Auto | Auto Flap | Memory | UP/DOWN | Lateral Swing | Positioning of installation

Convenient & Economy Functions

Economy | DRY | OFF Timer | Sleep | On 24h Timer Off | On Timer

Maintenance & Prevention Functions

MC | Self Diagnostic | Detachable

Others

Back-up Switch | Auto Restart | Luminous

Model			SRK20ZJ-S	SRK25ZJ-S	SRK35ZJ-S	SRK50ZJ-S
Cooling capacity	ISO-T1(JIS)	kW	2.0	2.5	3.5	5.0
Heating capacity	ISO-T1(JIS)	kW	2.7	3.2	4.0	5.8
Sound power level *	Cooling	dB(A)	49	50	58	61
	Heating	dB(A)	52	55	59	61
Sound pressure level *	Cooling	dB(A)	Hi:33 Me:27 Lo:21	Hi:34 Me:28 Lo:21	Hi:42 Me:32 Lo:22	Hi:46 Me:37 Lo:26
	Heating	dB(A)	Hi:36 Me:31 Lo:24	Hi:39 Me:31 Lo:24	Hi:43 Me:37 Lo:25	Hi:45 Me:37 Lo:31
Air flow (Indoor)	Cooling	l/s	130-93-80	131-100-83	168-106-83	188-130-88
	Heating	l/s	163-105-83	176-108-85	213-156-101	225-170-125
Exterior dimensions (H×W×D)		mm	294×798×229			
Net weight		kg	9.5			
Clean filter			Allergen Clear Filter × 1, Photocatalytic Washable Deodorizing Filter × 1			
Piping	Liquid line	mm	ø 6.35			
	Gas line	mm	ø 9.52			ø 12.7
OUTDOOR UNITS TO BE COMBINED			SCM40,50,60,71,80ZJ-S			SCM50,60,71,80ZJ-S

SRR-ZJ

Ceiling Concealed type

Self Clean Operation

Comfortable Functions

Fuzzy | Auto | HI POWER

Convenient & Economy Functions

Economy | DRY | OFF Timer | Sleep | On 24h Timer Off | On Timer

Maintenance & Prevention Functions

MC | Self Diagnostic

Others

Back-up Switch | Auto Restart | Luminous

Model			SRR25ZJ-S	SRR35ZJ-S	SRR50ZJ-S	SRR60ZJ-S
Cooling capacity	ISO-T1(JIS)	kW	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS)	kW	3.4	4.5	5.8	6.8
Sound power level *	Cooling	dB(A)	54	56	60	63
	Heating	dB(A)	55	57	60	63
Sound pressure level *	Cooling	dB(A)	Hi:40 Me:35 Lo:29	Hi:42 Me:37 Lo:30	Hi:48 Me:42 Lo:33	Hi:51 Me:44 Lo:35
	Heating	dB(A)	Hi:41 Me:38 Lo:31	Hi:43 Me:40 Lo:32	Hi:48 Me:45 Lo:36	Hi:51 Me:47 Lo:38
Air flow Q'ty (Hi)	Cooling	l/s	142	150	175	208
	Heating	l/s	167	183	217	250
Exterior dimensions(H×W×D)		mm	230×740×455			
Net weight		kg	22		23	
Piping	Liquid line	mm	ø 6.35		ø 6.35	
	Gas line	mm	ø 9.52		ø 12.7	
OUTDOOR UNITS TO BE COMBINED			SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

FDTC-VD

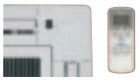
4way ceiling cassette type

600 × 600 Super Compact type

Wired remote control

RC-E4 (option) RCH-E3 (option)

Wireless remote control



RCN-TC-24W-ER (option)

Comfortable Functions

Fuzzy | Auto | HI POWER

Comfortable Air Flow Functions

Auto Flap | Memory | UP/DOWN

Convenient & Economy Functions

Economy | DRY | OFF Timer | On 24h Timer Off | On Timer

Maintenance & Prevention Functions

MC | Self Diagnostic

Others

Back-up Switch | Auto Restart

Item		Model	FDTC25VD	FDTC35VD	FDTC50VD	FDTC60VD
Cooling capacity	ISO-T1(JIS)	kW	2.5	3.5	5.0	6.0
Heating capacity	ISO-T1(JIS)	kW	3.4	4.5	5.8	6.8
Sound pressure level * ※	Cooling	dB(A)	Hi:36 Me:32 Lo:29	Hi:40 Me:36 Lo:30	Hi:42 Me:36 Lo:30	Hi:46 Me:39 Lo:30
	Heating	dB(A)	Hi:38 Me:33 Lo:29.5	Hi:42 Me:35 Lo:32	Hi:42 Me:36 Lo:32	Hi:46 Me:39 Lo:32
Air flow Q'ty (Hi)	Cooling	l/s	150	158	192	225
	Heating	l/s	158	167	192	225
Exterior dimensions (H×W×D)	Main unit	mm	248×570×570			
	Panel	mm	35×700×700			
Net weight	Main unit	kg	15			
	Panel	kg	3.5			
Piping	Liquid line	mm	ø 6.35		ø 6.35	
	Gas line	mm	ø 9.52		ø 12.7	
OUTDOOR UNITS TO BE COMBINED			SCM40,45,50,60,71,80ZJ-S		SCM50,60,71,80ZJ-S	SCM60,71,80ZJ-S

SRK-YJ

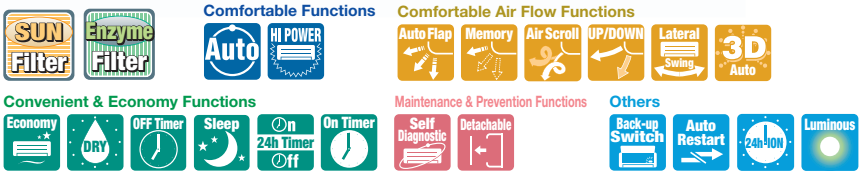
Wall Mounted type

R410A

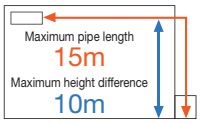
SRK10YJ-S, SRK13YJ-S, SRK18YJ-S

SRC10YJ-S, SRC13YJ-S SRC18YJ-S

FUNCTION



Refrigerant pipe length



SRK10YJ-S
SRK13YJ-S
SRK18YJ-S

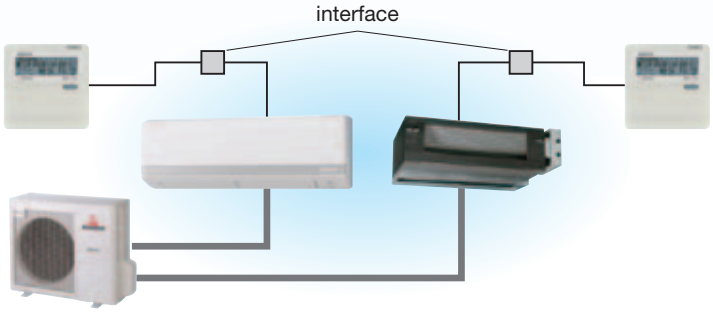
Indoor			SRK10YJ-S	SRK13YJ-S	SRK18YJ-S
Outdoor			**SRC10YJ-S**	**SRC13YJ-S**	**SRC18YJ-S**
Power Supply	Outdoor Unit		1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.50	3.50	5.00
Input	Cooling T1	kW	0.70	0.99	1.56
Energy Label	Cooling	Stars	2.5	2	1.5
EER	Cooling T1		3.57	3.54	3.21
Current	Cooling	Amp	3.4	4.5	7.1
	Recommended Circuit Breaker		16		
Sound Power Level (JIS C9612)	Cooling Outdoor	dB(A)	59	60	62
Airflow	Cooling Indoor	l/s	133	167	183
External Dimensions (HXWXD)	Indoor	mm	268x790x213		
	Outdoor		540x780(+62)x290		640x800(+71)x290
Net Weight	Indoor	kg	8.5		
	Outdoor		32	33	44
Refrigerant Piping	Liquid Line	mm	Ø6.35		
	Gas Line		Ø9.52		Ø12.7
	Connection Method		Flare		
Refrigerant R410A	Quantity	kg	0.75	1.05	1.35
	Pre Charged To Pipe Length	m	10	15	
Clean Filter			Allergen Clear & Photocatalytic		

Control option

Wired remote control can be connected

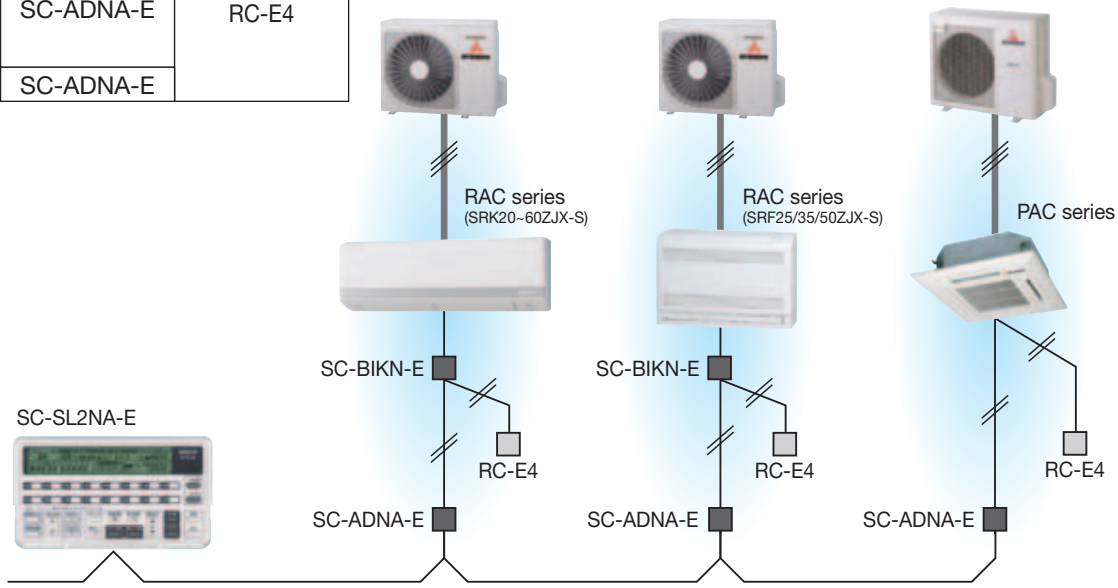
Model	Interface	Remote Control
SRK63~80ZK-S SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E	RC-E4
FDTC25~60VD ※	not required	

※If wireless remote control is required, use RCN-TC-24W-ER

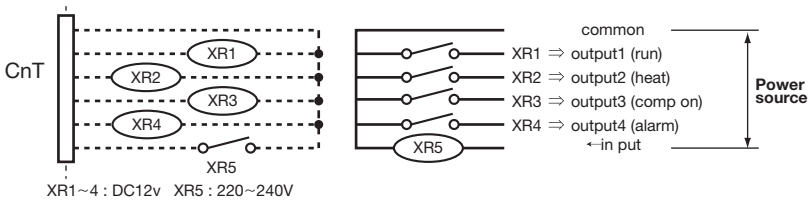


Can be connected to SUPERLINK- Ⅱ

Model	Interface	Remote Control
SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E SC-ADNA-E	RC-E4
FDTC25~60VD	SC-ADNA-E	



CnT terminal is equipped



Model	Interface
FDTC25~60VD	not required
SRK63~80ZK-S SRK20~60ZJX-S SRK20~50ZJ-S SRF25/35/50ZJX-S SRR25/35ZJ-S	SC-BIKN-E

Remote surveillance system

Card key on-off

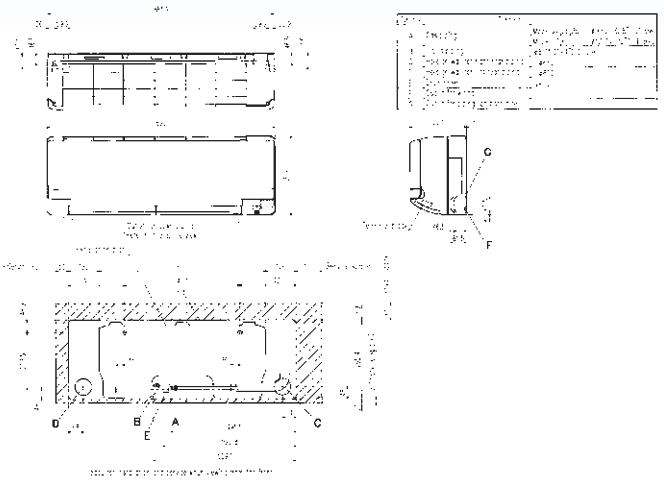
Humidifier linkage

INDOOR UNIT

Unit: mm

Wall mounted type

SRK20ZJX-S SRK25ZJX-S SRK35ZJX-S SRK50ZJX-S SRK60ZJX-S



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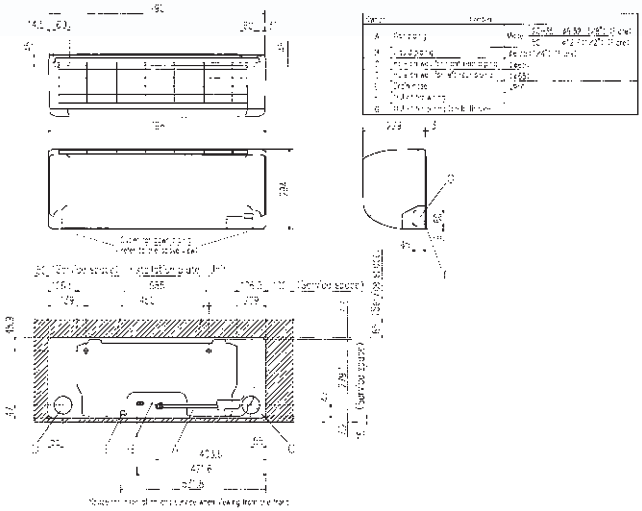
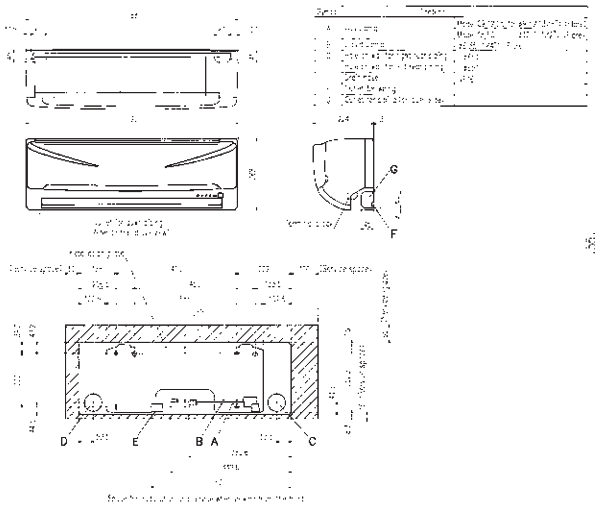
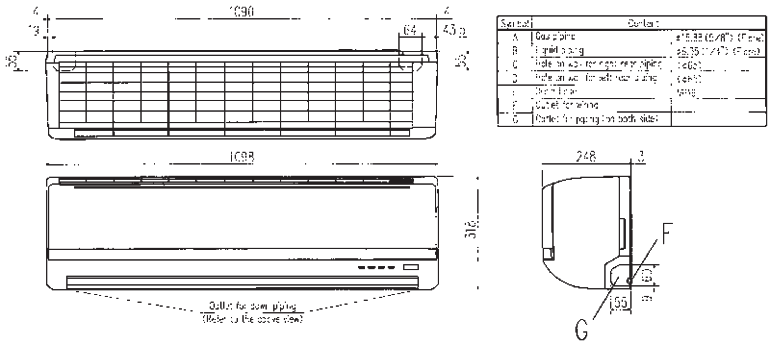
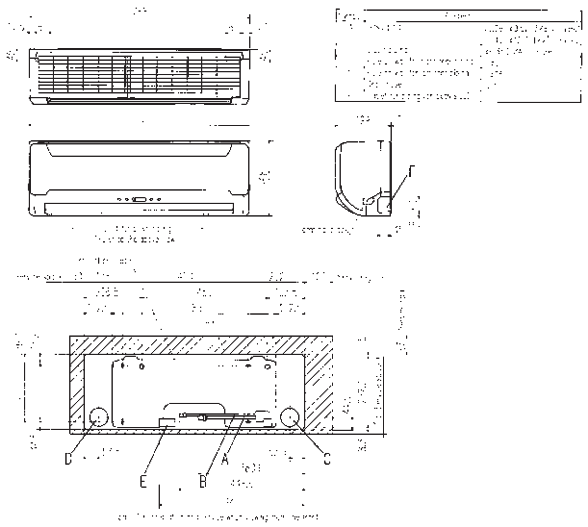
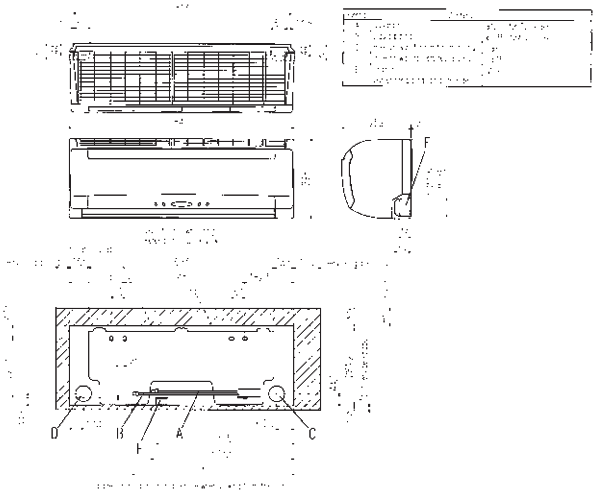




SRK63ZK-S SRK71ZK-S SRK80ZK-S





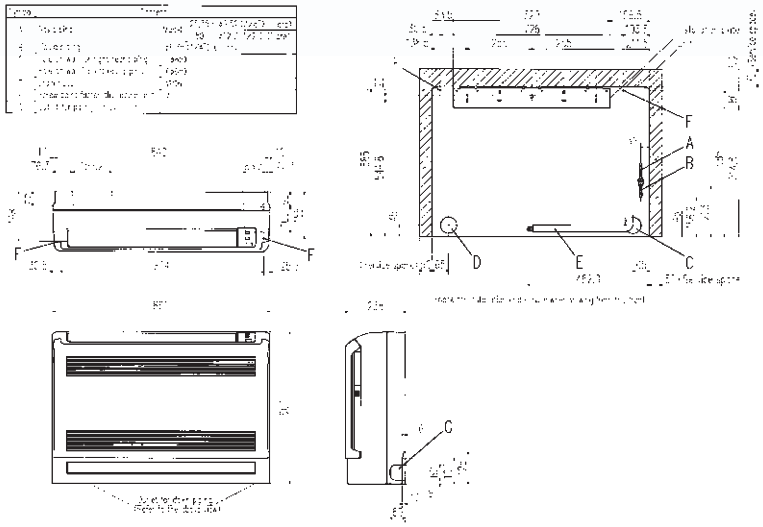


INDOOR UNIT

Unit: mm

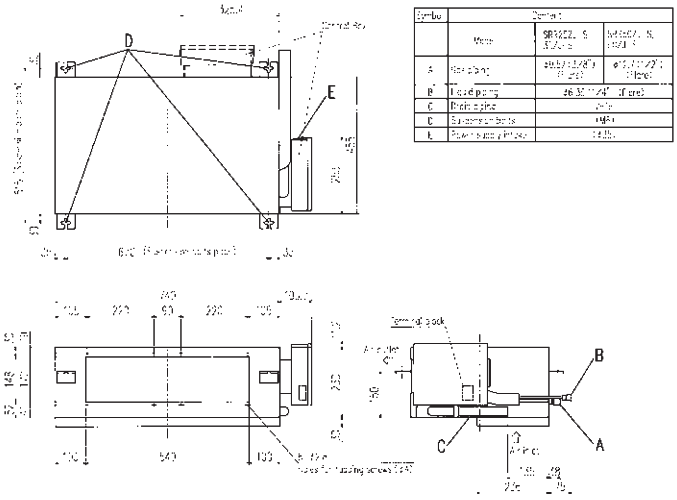
Floor standing type

SRF25ZJX-S SRF35ZJX-S SRF50ZJX-S



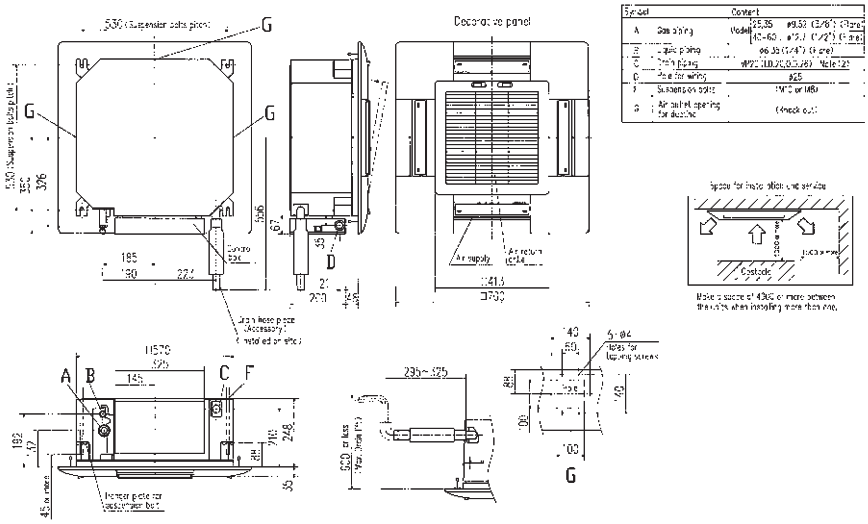
Ceiling Concealed

SRR25ZJ-S SRR35ZJ-S SRR50ZJ-S SRR60ZJ-S



4way ceiling cassette type

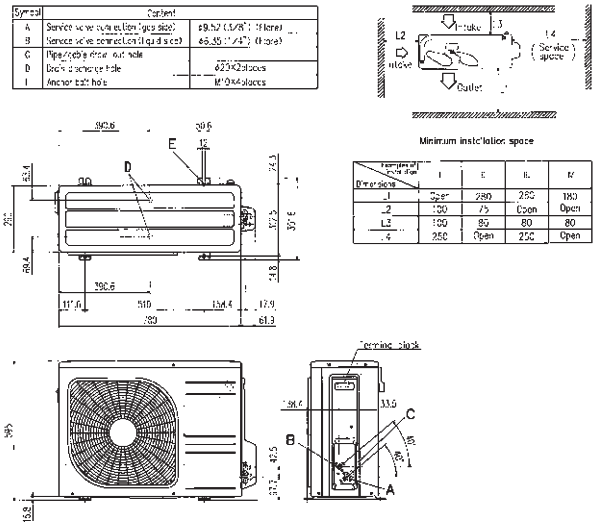
FDTC25VD FDTC35VD FDTC50VD FDTC60VD



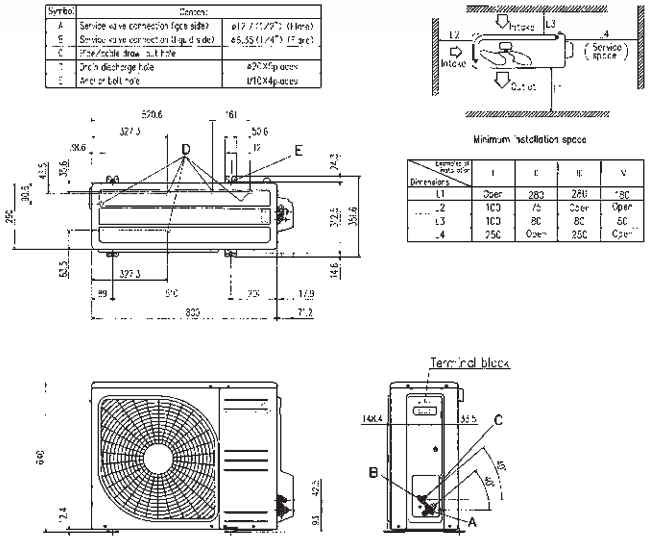
OUTDOOR UNIT

Unit: mm

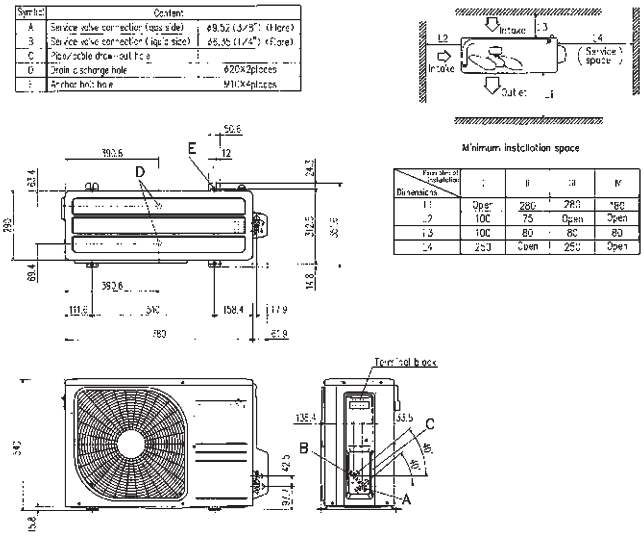
SRC20ZJX-S SRC25ZJX-S SRC35ZJX-S



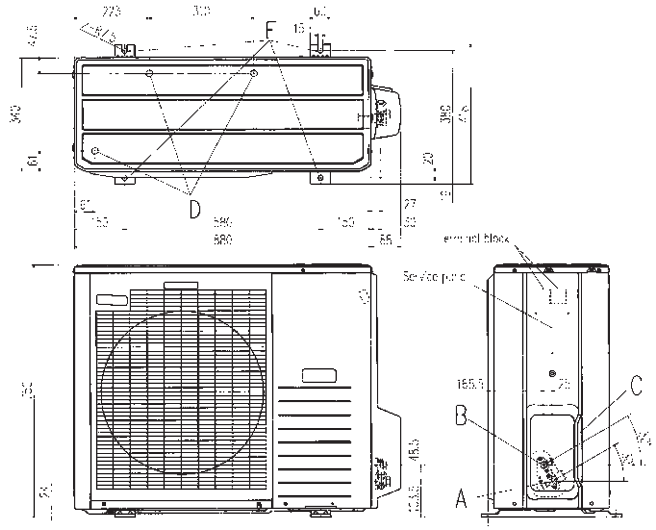
SRC50ZIX-S SRC60ZIX-S SRC50ZJ-S



SRC20ZJ-S SRC25ZJ-S SRC35ZJ-S



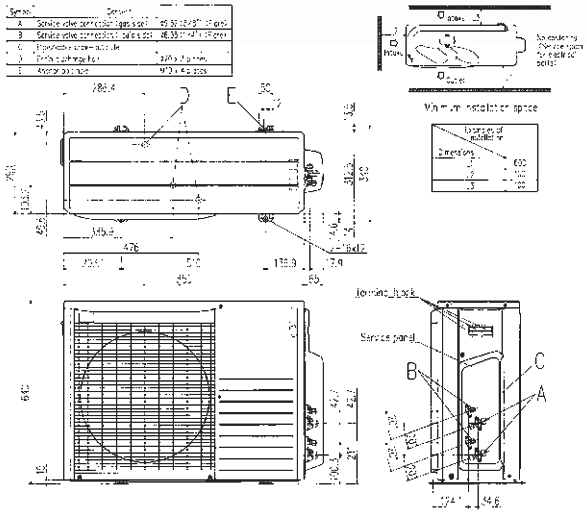
SRC63ZK-S SRC71ZK-S SRC80ZK-S



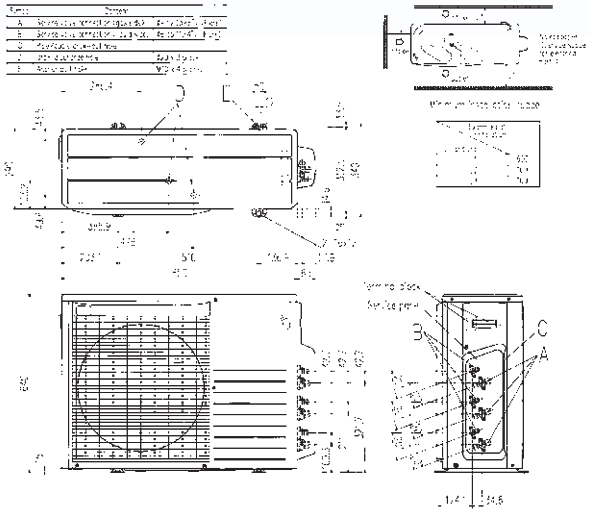
OUTDOOR UNIT

Unit: mm

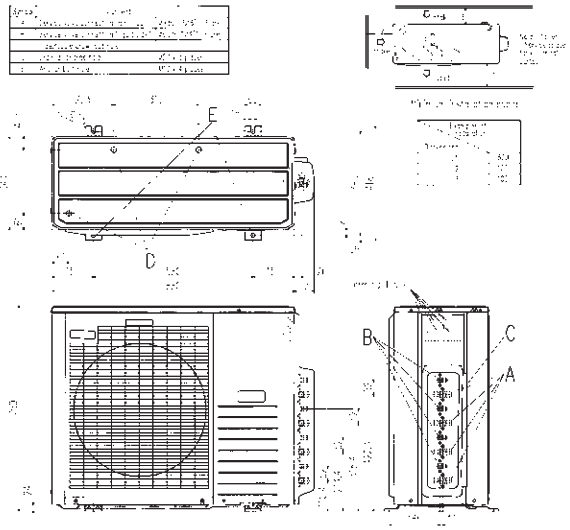
SCM40ZJ-S



SCM50ZJ-S SCM60ZJ-S



SCM71ZJ-S SCM80ZJ-S



Industry leading energy efficiency and reliability from our advanced technology

HyperMulti KX·KXR

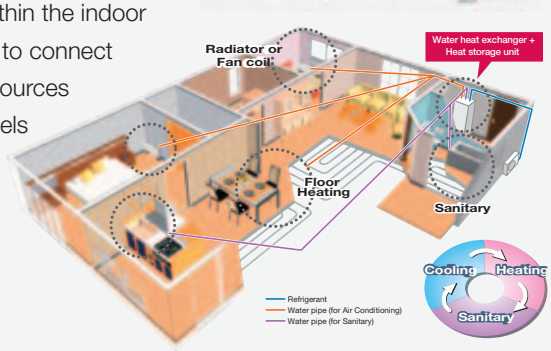
Mitsubishi Heavy Industries offers one of the largest ranges of VRF multi inverter products in the industry. The compact M series (11.2 to 15.5kW) is a single fan, single phase outdoor that is providing air conditioning solutions all over Australia and New Zealand. The larger side blow (22.4 to 33.5kW) and top discharge (40 to 68kW) units can be used singularly or in combination to deliver up to 136kW of heat pump or heat recovery technology and energy saving in high rise and mid rise structures. With 16 types of indoor units and 78 different capacities available designs are only limited by imagination. Our eSolution software makes selection simple.

The SuperlinkII network can control up to 128 indoor units via a central control or BMS interface such as Web or BACnet gateways. Mente PC can be connected for fault finding and recording test run reports.

Hydrolution HM

Air to Water Heat Pump

MHI's Air to Water Heat Pump is a complete modern inverter driven system for heating, cooling and producing sanitary hot water for houses offering an effective energy saving. This product is safe and economical with an integrated immersion heater, circulating pump and climate control system within the indoor unit. It is possible to connect external heating sources such as solar panels and boilers.



Hydrolution ETW

Water to Water Heat Pump

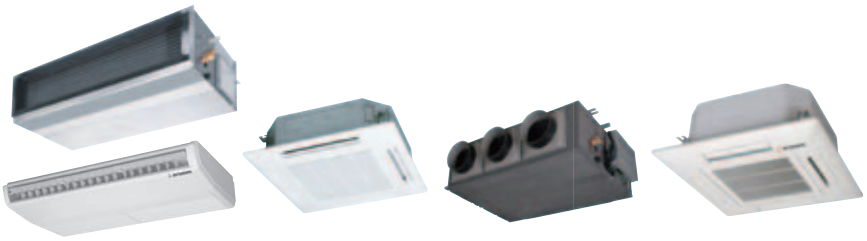
'ETW' is a heat recovery type water to water centrifugal heat pump which enables the continuous supply of 80°C hot water by utilizing wasted hot water with temperatures ranging from 35°C to 50°C. This becomes the heat-source water from which thermal energy is derived and supplied for reheating through a heat pump mechanism.

The system uses an inverter speed control to minimize electric power consumption.

Hyper Inverter

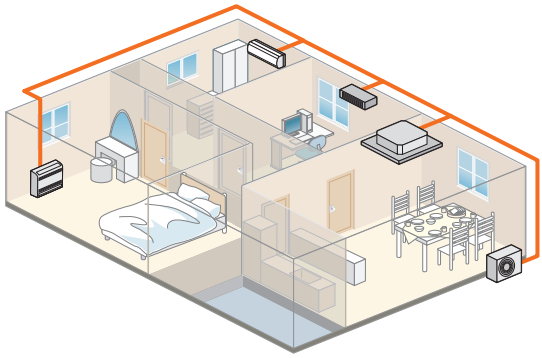
FD Packaged Air Conditioner

The Mitsubishi Heavy Industries range of inverter packaged air conditioners are easy to install and maintain. Ranging from 5 to 14kW with a compact single phase outdoor unit these products are perfect for schools, offices, shops and restaurants. The ducted range has a return air option and a drain pump so it is ideal for installation in homes and offices. The easy to use remote control features a 7 day 4 event timer. This series can interface with Superlink-Ⅱ and seamlessly marry in with KX•KXR range to optimise control.



SR Residential Air Conditioner

Mitsubishi Heavy Industries wall mounted and floor standing inverter split systems are the ideal choice to control comfort in any residential situation.
Mitsubishi Heavy Industries residential air conditioners have received rave reviews in consumer magazines here and overseas when tested and compared to the competitions similar products. Energy efficiency, quite operation and ease of use were the standout differences.



SCM Residential Multi Air Conditioner

These residential use inverter multi system can condition 2, 3 or 4 rooms using either wall mounted, floor standing, low static bulkhead or compact cassette type indoor units. The SCM series offers a total of 5 outdoor units and 20 indoor units making hundreds of different comfort combinations possible. Perfect for flats and apartments.

Before starting use

Heating performance
The heating performance values (kW) described in catalog are the values obtained by operating at an outdoor temperature of 7C and indoor temperature of 20C as set forth in the ISO Standards. As the heating performance decreases as the outdoor temperature drops, if the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

Indication of sound values
The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalog due to the effect of surrounding noise and echo. Take this into consideration when installing.

Use in oil atmosphere
Avoid installing this unit in as atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.
If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

Use in acidic or alkaline atmosphere
If this unit is used in acidic atmosphere such as hot spring areas having high level of sulfuric gases or in alkaline atmosphere including ammonia or calcium chloride, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode. Please ask a dealer or specialist when you use an air conditioner in places differing from a general atmosphere.

Use in places with high ceilings
If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

Refrigerant leakage
The refrigerant (R410A) used for Air conditioner is non-toxic and nonflammable in its original state.
However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

Use in snowy areas
Take the following measures when installing the outdoor unit in snowy areas.

Snow prevention
Install a snow-prevention hood so that the snow does not obstruct the air intake port or enter and freeze in the outdoor unit.

Snow piling
In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

Automatic defrosting device
If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If use is continued, the heating performance will drop.
The “Automatic defrosting device” will function to remove this frost.
After heating for approx, three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

Servicing the air-conditioner
After the air-conditioner is used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, we recommend the maintenance contract (charged for) by a specialist.

⚠ Safety Precautions

Air-conditioner usage target
The air-conditioner described in this catalog is a dedicated cooling/heating device for human use.
Do not use it for special applications such as the storage of foodstuffs, animals or plants, computer server rooms, precision devices or valuable art, etc.
This could cause the quality of the items to drop, etc.
Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

Before use
Always read the “User,s Manual” thoroughly before starting use.

Installation
Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.
Make sure that the outdoor unit is stable in installation. Fix the unit to stable base.

Usage place
Do not install in places where combustible gas could leak or where there are sparks.
Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.

Only persons that are qualified and licensed are permitted to install and service products that contain refrigerants in Australia, go to www.arctick.org.
Suitable access for service must be provided in compliance with industry standards and local regulations.

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ISO9001
Our Air Conditioning & Refrigeration Systems Headquarters is an ISO9001 approved factory for residential air conditioners and commercial-use air conditioners (including heat pumps).

BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certified ISO 9001
Certificate number : JQA-0709

MITSUBISHI HEAVY INDUSTRIES-MAHAJAK AIR CONDITIONERS CO., LTD.
Certified ISO 9001
Certificate Number : 04100 1998 0813

ISO14001
Our Air Conditioning & Refrigeration Systems Headquarters has been assessed and found to comply with the requirements of ISO14001.

BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certified ISO 14001
Certificate number : JQA-EM0256

MITSUBISHI HEAVY INDUSTRIES-MAHAJAK AIR CONDITIONERS CO.,LTD.
Certificate Number : 04104 1998 0813 E5

FIVE YEAR WARRANTY 5/5/5 PARTS • LABOUR • COMPRESSOR

MHIAA207_RAC Cat32pp 02_2011

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice. E&OE.